

USSN 08/702,525

Group Art Unit: 1644

In the Claims:

9 ~~91~~. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:2[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:1 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

10 ~~92~~. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:5[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:4 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

11 ~~93~~. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:9, and does not [comprising] comprise an amino acid sequence corresponding to an immunoglobulin variable region-like domain[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:8 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

12 ~~94~~. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:11[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:10 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

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95. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:13[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:12 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

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96. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:15[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:14 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

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97. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:63, and does not comprise an amino acid sequence corresponding to an immunoglobulin constant region-like domain[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:62 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].

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98. (Amended) An isolated nucleic acid molecule encoding a B7-1 or B7-2 protein which binds to CD28 or CTLA4 and comprises an amino acid sequence of SEQ ID NO:65[, wherein the nucleic acid molecule comprises a nucleotide sequence which hybridizes to a complement of a nucleic acid molecule consisting of SEQ ID NO:64 in 5X SSC and 0.5% SDS at 55 °C, followed by one or more washes in 2X SSC at 55 °C].